

DESCRIPTION AND OPERATION

Maintenance Schedules — Hybrid

The maintenance schedule is designed to protect against major repairs resulting from neglect or inadequate maintenance and to prolong the life of the vehicle.

Special Operating Conditions

If your vehicle is operated in any of the following manners, you will need to carry-out some maintenance operations more frequently:

- towing a trailer or using a camper or car-top carrier.
- extensive idling and/or low-speed driving for long distances as in heavy commercial use such as delivery, taxi, patrol or livery.
- operating in dusty conditions such as unpaved or dusty roads.
- off-road operation.

If any of the above conditions apply to your vehicle operation, you will need to carry-out the following maintenance operations in addition to the operations listed in the maintenance schedule.

Towing a trailer or using a camper or car-top carrier:

- Change the engine oil and install a new oil filter every 8,000 km (5,000 mi) or 12 months or 200 hours of engine operation.
- Inspect and rotate the tires every 8,000 km (5,000 mi).

Extensive idling and/or low-speed driving for long distances as in heavy commercial use such as delivery, taxi, patrol vehicle or livery. This operating condition is for extensive maximum A/C or heater operation with the engine on in the above listed usage:

- Change the engine oil and install a new oil filter every 8,000 km (5,000 mi) or 12 months or 200 hours of engine operation.
- Inspect and rotate the tires every 8,000 km (5,000 mi).
- Install new spark plugs every 96,000 km (60,000 mi).
- Install a new cabin air filter (if equipped) as required.

Operating in dusty conditions such as unpaved or dusty roads:

- Change the engine oil and install a new oil filter every 8,000 km (5,000 mi) or 12 months or 200 hours of engine operation.
- Inspect and rotate the tires every 8,000 km (5,000 mi).
- Install a new cabin air filter (if equipped) as required.
- Install a new engine air filter as required.
- Install a new high voltage battery A/C filter as required.

Off-road operation:

- Change the engine oil and install a new oil filter every 8,000 km (5,000 mi) or 12 months or 200 hours of engine operation.
- Inspect and rotate the tires every 8,000 km (5,000 mi).
- Install a new cabin air filter (if equipped) as required.
- Install a new engine air filter as required.
- Install a new high voltage battery A/C filter as required.

Checks and Services

Certain basic maintenance checks and inspections should be carried out at specified intervals. Any recognized adverse condition should be corrected as soon as possible.

Multi-Point Inspection

The following inspections are recommended at every service interval:

- Check and top off brake, coolant, manual and automatic transmission (if equipped with an underhood fluid level indicator), power steering and window washer fluids.
- Inspect tires for wear and correct air pressure, including spare tire.
- Check exhaust system for leaks, damage, loose parts and foreign material.
- Check low voltage (underhood) battery performance.
- Check operation of horn, exterior lamps, turn signals and hazard warning lights.

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- Check radiator, coolers, heater and air conditioning hoses.
- Inspect windshield wiper spray and wiper operation.
- Check windshield for cracks, chips and pitting.
- Inspect for oil and fluid leaks.
- Inspect air cleaner filter.
- Inspect halfshaft dust boots (if equipped).
- Check shocks, struts and other suspension components for leaks and damage.
- Inspect steering and linkage.
- Inspect accessory drive belt(s).

Monthly Checks

Check each of the following items every month:

- All interior and exterior lights
- Tires for wear and correct air pressure, including spare tire
- Engine oil fluid level
- Windshield washer solvent fluid level

Six Month Checks

Check each of the following items at least every 6 months:

- Lap/shoulder belts and seat latches for wear and function
- Parking brake for correct operation
- Safety warning lamps (brake, ABS, air bag, safety belt) for correct operation
- Engine coolant system fluid level and correct strength
- Motor/electrical cooling system fluid level and correct strength
- Battery 12-volt connections. Clean if necessary
- Windshield washer spray, wiper operation, clean all wiper blades
- Lubricate all hinges, latches and outside locks. Inspect for correct operation
- Lubricate door rubber weatherstrips. Inspect for excessive wear
- Clean body and door drain holes. Inspect for clogs and obstructions

Normal Schedule

Engine coolant should be changed at 6 years or 160,000 km (100,000 mi), whichever comes first and every 3 years or 80,000 km (50,000 mi) thereafter.

8,000 Km (5,000 Mi)

- Inspect tires for wear, measure tread depth.
- Rotate tires.
- Carry out multi-point inspection (recommended).

16,000 Km (10,000 Mi)

- Change engine oil and install a new oil filter.
- Inspect tires for wear, measure tread depth.
- Rotate tires.
- Inspect rear battery A/C filter, install a new filter if necessary.
- Carry out multi-point inspection (recommended).

32,000 Km (20,000 Mi)

- Change engine oil and install a new oil filter.
- Inspect tires for wear, measure tread depth.
- Rotate tires.
- Inspect brake pads, shoes, rotors, drums, brake fluid level, brake lines, hoses and parking brake.
- Inspect engine and motor/electrical cooling system and hoses.
- Inspect steering linkage, suspension, and if equipped, driveshaft and ball joints.
- Install new rear battery A/C filter.
- Carry out multi-point inspection (recommended).

48,000 Km (30,000 Mi)

- Change engine oil and install a new oil filter.
- Inspect tires for wear, measure tread depth.
- Rotate tires.
- Inspect rear battery A/C filter, install a new filter if necessary.
- Install new engine air filter.
- Carry out multi-point inspection (recommended).

64,000 Km (40,000 Mi)

- Change engine oil and install a new oil filter.
- Inspect tires for wear, measure tread depth.
- Rotate tires.

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- Inspect brake pads, shoes, rotors, drums, brake fluid level, brake lines, hoses and parking brake.
- Inspect engine and motor/electrical cooling system and hoses.
- Inspect steering linkage, suspension, and if equipped, driveshaft and ball joints.
- Inspect new exhaust system and heat shields.
- Install new rear battery A/C filter.
- Carry out multi-point inspection (recommended).

80,000 Km (50,000 Mi)

- Change engine oil and install a new oil filter.
- Inspect tires for wear, measure tread depth.
- Rotate tires.
- Inspect rear battery A/C filter, install a new filter if necessary.
- Carry out multi-point inspection (recommended).

96,000 Km (60,000 Mi)

- Change engine oil and install a new oil filter.
- Inspect tires for wear, measure tread depth.
- Rotate tires.
- Inspect brake pads, shoes, rotors, drums, brake fluid level, brake lines, hoses and parking brake.
- Inspect engine and motor/electrical cooling system and hoses.
- Inspect steering linkage, suspension, and if equipped, driveshaft and ball joints.
- Inspect exhaust system and heat shields.
- Install new rear battery A/C filter.
- Install new engine air filter.
- Carry out multi-point inspection (recommended).

112,000 Km (70,000 Mi)

- Change engine oil and install a new oil filter.
- Inspect tires for wear, measure tread depth.
- Rotate tires.
- Inspect rear battery A/C filter, install a new filter if necessary.
- Carry out multi-point inspection (recommended).

128,000 Km (80,000 Mi)

- Change engine oil and install a new oil filter.
- Inspect tires for wear, measure tread depth.

- Rotate tires.
- Inspect brake pads, shoes, rotors, drums, brake lines, hoses and parking brake.
- Inspect engine and motor/electrical cooling system and hoses.
- Inspect steering linkage, suspension, and if equipped, driveshaft and ball joints.
- Inspect exhaust system and heat shields.
- Install new rear battery A/C filter.
- Carry out multi-point inspection (recommended).

144,000 Km (90,000 Mi)

- Change engine oil and install a new oil filter.
- Inspect tires for wear, measure tread depth.
- Rotate tires.
- Inspect rear battery A/C filter, install a new filter if necessary.
- Install new engine air filter.
- Carry out multi-point inspection (recommended).

160,000 Km (100,000 Mi)

- Change engine oil and install a new oil filter.
- Inspect tires for wear, measure tread depth.
- Rotate tires.
- Inspect brake pads, shoes, rotors, drums, brake fluid level, brake lines, hoses and parking brake.
- Inspect engine and motor/electrical cooling system and hoses.
- Change engine and motor/electrical cooling system coolant.
- Inspect steering linkage, suspension, and if equipped, driveshaft and ball joints.
- Inspect exhaust system and heat shields.
- Install new rear battery A/C filter.
- Install new fuel filter.
- Inspect accessory drive belt.
- Install new spark plugs.
- Carry out multi-point inspection (recommended).

176,000 Km (110,000 Mi)

- Change engine oil and install a new oil filter.
- Inspect tires for wear, measure tread depth.
- Rotate tires.

DESCRIPTION AND OPERATION (Continued)

- Inspect rear battery A/C filter, install a new filter if necessary.
- Carry out multi-point inspection (recommended).

192,000 Km (120,000 Mi)

- Change engine oil and install a new oil filter.
- Inspect tires for wear, measure tread depth.
- Rotate tires.
- Inspect brake pads, shoes, rotors, drums, brake fluid level, brake lines, hoses and parking brake.
- Inspect engine and motor/electrical cooling system and hoses.
- Inspect steering linkage, suspension, and if equipped, driveshaft and ball joints.
- Inspect exhaust system and heat shields.
- Install new rear battery A/C filter.
- Install new engine air filter.
- Carry out multi-point inspection (recommended).

208,000 Km (130,000 Mi)

- Change engine oil and install a new oil filter.
- Inspect tires for wear, measure tread depth.
- Rotate tires.
- Inspect rear battery A/C filter, install a new filter if necessary.
- Carry out multi-point inspection (recommended).

224,000 Km (140,000 Mi)

- Change engine oil and install a new oil filter.
- Inspect tires for wear, measure tread depth.

- Rotate tires.
- Inspect brake pads, shoes, rotors, drums, brake fluid level, brake lines, hoses and parking brake.
- Inspect engine and motor/electrical cooling system and hoses.
- Inspect steering linkage, suspension, and if equipped, driveshaft and ball joints.
- Inspect exhaust system and heat shields.
- Install new rear battery A/C filter.
- Carry out multi-point inspection (recommended).

240,000 Km (150,000 Mi)

- Change engine oil and install a new oil filter.
- Inspect tires for wear, measure tread depth.
- Rotate tires.
- Inspect rear battery A/C filter, install a new filter if necessary.
- Change engine and motor/electrical cooling system coolant.
- Install new engine air filter.
- Install new accessory drive belt (if not replaced in the last 160,000 km [100,000 mi]).
- Inspect PCV valve for flow, install a new PCV valve if necessary.
- Change the rear axle lubricant (four wheel drive [4WD] vehicles only).
- Carry out multi-point inspection (recommended).